GOVERNMENT OF ANDHRA PRADESH
A B S T R A C T

MA & UD – SAC - Legacy Waste Management in Urban Local Bodies – Clearance of the existing old dumpsites before 15th of August, 2022 – Approval of Model RFP Orders –Issued.

MUNICIPAL ADMINISTRATION & URBAN DEVELOPMENT (UBS) DEPARTMENT

G.O.RT.No. 102 Dated: 12-03-2021

Read the following:

1. From Managing Director, Swacch Andhra Corporation, Vijayawada Lr.No.02/SAC/CE/SWM/2019-20, Dated 22-10-2020.
2. From Additional Mission Director, Swachh Bharat Mission, Ministry of Urban Affairs, Government of India, New Delhi DO Letter No.15/16/2020-SBM-I, Dated 27-10-2020.
3. Government Memo No.1264884/UBS/2020, MA&UD(UBS) Department, Dated:18-11-2020.
4. From Managing Director, SAC Letter No.04/SAC/CE/SWM/2020-21, dated:07.12.2020.

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ORDER:

The Government of India have notified Solid Waste Management (SWM) Rules, 2016 for proper and effective management of Municipal Solid Waste (MSW) and to manage old dumps of MSW and urban authorities shall investigate and analyse all old open dumpsites and existing operational dumpsites for their potential of Bio-Mining and Bio-Remediation and where so ever feasible take necessary actions to Bio-Mine or Bio-Remediate the sites. The sites for landfills were originally located outside of the cities but as the cities have expanded the dumpsites are now almost in the cities. In the absence of exposure to air the high rises of rotting mixed waste on these sites generate methane (a greenhouse gas) and other landfill gases which contribute to global warming. They also produce Leachate (liquid generated by airless waste) which pollute ground water. Frequent outbreaks of fire at dumpsites leads to air pollution. The presence of these dumpsites encourages further dumping at these sites even though they are filled beyond the capacity to take any more waste. Many municipal authorities across the country opting for “capping” which is not the first option in order of priority for environmentally save legacy waste management as per clause “J” of schedule-I of SWM Rules, 2016.

2. There is a need for remediation of these dumpsites as directed by NGT Order in OA 519/2019 dated 17/7/2019 on Remediation, as detailed below:

1. “where bio-mining and bio-remediation is possible, both ex-situ and in-situ, such options can be exercised, which is not only environmentally safe but cost effective. There may be hardly any situation when bio-remediation is not possible.

(P.T.O.)

2. The option of capping of legacy wastes, which has huge environmental and health consequences, is no option at all, except for inert waste, which again is to be disposed in a scientific secured landfill".

3. The NGT has also directed that the States & Urban Local Bodies for Bio-remediation and Bio-mining of dumpsites should be the preferred option and Cities with more than 10 lakh population need special localized solutions.

4. As per Rule 15 of (SWM) Rules, 2016 - Duties and Responsibilities of Local Authorities and Village Panchayats of Census Towns and Urban Agglomerations. - The local authorities and Panchayats shall:

1. Investigate and analyze all old open dumpsites and existing operational dumpsites for their potential for bio-mining and bio-remediation and wherever feasible, take necessary actions to bio-mine or bio-remediate the sites;

2. In absence of potential of bio-mining and bio-remediation of dumpsites, they shall be scientifically capped as per landfill capping norms to prevent further damage to the environment.

Cleared dumps are not permitted for habitation for at least 15 years (SWM Rules Schedule I, H (2)) Clause Criteria for post-care of landfill site.-

(1) The post-closure care of landfill site shall be conducted for at least fifteen years and long term monitoring or care plan shall consist of the following, namely :-

(a) Maintaining the integrity and effectiveness of final cover, making repairs and preventing run-on and run-off from eroding or otherwise damaging the final cover;

(b) Monitoring leachate collection system in accordance with the requirement;

(c) Monitoring of ground water in and around landfill;

(d) Maintaining and operating the landfill gas collection system to meet the standards.

(2) Use of closed landfill sites after fifteen years of post-closure monitoring can be considered for human settlement or otherwise only after ensuring that gaseous emission and leachate quality analysis complies with the specified standards and the soil stability is ensured.

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5. In the reference 1st read above, the Managing Director, SAC, Vijayawada has submitted the draft RFP for Remediation of existing MSW dumpsites through Bio-Mining process in Urban Local Bodies and requested to approve the RFP in order to communicate the same to all the Urban Local Bodies to float RFP to get the existing old dumpsites cleared.

6. In the reference 3rd read above Government constituted a Committee under the Chairmanship of the Engineer-in-Chief(PH),Tadepalli with Chief Engineer, SAC and Chief Engineer, APUFIDC as members to examine the draft RFP and the Committee examined the Model RFP and approved.

7. In the reference 4th read above the Managing Director, SAC has submitted final draft RFP for approval.

8. In the reference 2nd read above, the MoHUA informed that as 75th year Independence will be celebrated in 2022, it is proposed to remediate all the legacy waste dumpsites in the cities with population more than 1 Lakh before 15th of August, 2022.

9. Government after careful examination of the matter here by approve the Model RFP submitted by the Managing Director, Swachh Andhra Corporation, Vijayawada. Further, the Managing Director, Swachh Andhra Corporation, Vijayawada is directed to communicate the approved Model RFP to all the Urban Local Bodies to take action on Legacy Waste Management at the time of floating RFP. However, before floating of RFP, the Urban Local Bodies have to:

1. Conduct Total Station Survey with 1M contour intervals or drone mapping of any landfill/dumping site must be done to finalize the quantity of Legacy waste in Cum/MT.
2. Ensure precursor study with history of the site.
3. Make composition analysis of waste prior to floating the RFP.

The area earmarked by the Authority for Reclamation through Bio-mining shall be considered as 100% area for the scope of work. The contractor shall hand over reclaimed land and scientific residual solid waste disposal site to the Authority in a good and acceptable condition as per MSWM Rules 2016 duly following the guidelines issued by Central Pollution Control Board and shall follow directions and guidelines of Andhra Pradesh Pollution Control Board.

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10. The Commissioner & Director of Municipal Administration, Guntur and the Managing Director, Swachh Andhra Corporation, Vijayawada shall take further necessary action in the matter accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

Y.SRILAKSHMI
SPECIAL CHIEF SECRETARY TO GOVERNMENT

To
The Commissioner &Director of Municipal Administration, A.P. Guntur.
The Managing Director, Swachh Andhra Corporation,A.P. Vijayawada.
Copy to:
The PS to Additional Secretary to Hon'ble C.M.
The OSD to M(MA&UD).
The PS to Special Chief Secretary to Government, MA&UD.
Sf/Sc.

//FORWARDED BY ORDER//

ASSISTANT DIRECTOR